IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	FRIGO, F. et al.	
Serial No.	:	Unknown	
Filing Date	:	07/09/2003	
Title	:	METHOD AND SYSTEM OF GENERATING AN MRS SPECTRUM FROM MULTIPLE RECEIVER DATA	
Group Art No.	:	Unknown	
Examining Attorney	:	Unknown	
Attorney Docket No.	:	GEMS8081.151	
CERT	TIFICATIO	N UNDER 37 CFR 1.8(a) and 1.10	
I hereby certify that, on the date shown below, this condended with the United States Postal Service VA 22313-1450 37 CFR 1.8(a) with sufficient postage as first class mail	ervice in an	Mailing envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandri 37 CFR 1.10 Express Mail Post Office to Addressee" Mailing Label No. EL662663227US	
Transmitted by facsimile to Fax No.: Date: 7-9-03	ac	Transmission Iddressed to Examiner at the Patent and Trademark Office. Signature	

MS IDS Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97/99

Dear Sir:

In compliance with Applicants' duty of disclosure as set forth in 37 C.F.R. §1.56, listed on the attached equivalent to Form PTO-1449 are those patents, publications and other

Inventor: S/N:

information known to the Applicant(s) which may be considered material to the patentability of the claims of the above-captioned application. One copy of each reference is attached.

The Applicants respectfully request that the documents listed on the attached equivalent to Form PTO-1449 be considered by the Examiner, that the references be made of record in the present application, and that an initialed copy of the duplicate equivalent to Form PTO-1449 be returned to the undersigned in accordance with MPEP 609.

Respectfully submitted,

J. Mark Wilkinson Registration No. 48,865

Direct Dial: 262-376-5016 jmw@zpspatents.com

Date: July 9, 2003

P.O. ADDRESS:

Ziolkowski Patent Solutions Group, LLC 14135 N. Cedarburg Road Mequon, WI 53097-1416 (262) 376-5170

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Substitute	Substitute for form 1449A/PTO			Complete if Known			
				Application Number			
INFO	RMATION D	ISC	LOSURE	Filing Date	07/09/2003		
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Frigo et al.		
 - -				Group Art Unit			
(use as many sheets as necessary)				Examiner Name			
Sheet	1	of	2	Attorney Docket Number	GEMS8081.151		

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	U.S. Patent Document Kind Code ² Number (if known)		Kind Code ² Name of Patentee or Applicant Cited Document		Pages, Columns, Lines, Where Relevant Passages or Reievant Figures Appear		
	1	RE 32,748		Ordidge et al.	09/13/1988			
	2	5,077,524		Hurd et al.	12/31/1991			
	3	5,617,861		Ross et al.	04/08/1997			
	4	6,069,478		Hurd	05/30/2000			

	FOREIGN PATENT DOCUMENTS										
	7		Foreign Patent Docu			Date of Publication of	Pages Columns, Lines	74			
Examiner Cite No.1		Office ³	Number⁴	Kind Code ⁵ (<i>if known</i>)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear				
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitu	Substitute for form 1449B/PTO			Complete if Known		
				Application Number		
INFORMATION DISCLOSURE				Filing Date	07/09/2003	
STATEMENT BY APPLICANT (use as many sheets as necessary)			PPLICANT	First Named Inventor	Frigo et al.	
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			ecessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	GEMS8081.151	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
	1	Li, J. and Stoica, P. An Adaptive Filtering Approach to Spectral Estimation and SAR Imaging. IEEE Transactions on Signal Processing, Vol. 44, No. 6, June 1996.				
	2	Capon, J. High-Resolution Frequency-Wavenumber Spectrum Analysis. Proceedings of the IEEE. Vol. 57, No. 8, pp. 1408-1418, August 1969.				
	3	Stoica, P. and Sundin, T. Nonparametric NMR Spectroscopy. Journal of Magnetic Resonance 152, pp. 57-69, 2001.				
		in.				

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